



County of Los Angeles CHIEF EXECUTIVE OFFICE

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WILLIAM T FUJIOKA
Chief Executive Officer

January 21, 2009

To: Supervisor Don Knabe, Chairman
Supervisor Gloria Molina
Supervisor Mark Ridley-Thomas
Supervisor Zev Yaroslavsky
Supervisor Michael D. Antonovich
From: 
William T Fujioka
Chief Executive Officer

Board of Supervisors
GLORIA MOLINA
First District

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Second District

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Third District

DON KNABE
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REPORT ON IMPACT OF NEW STATE AIR RESOURCES BOARD REGULATIONS RELATIVE TO DIESEL ENGINES

On December 16, 2008, acting on a motion by Supervisor Antonovich, your Board directed County staff to report back on the new regulations the Air Resources Board (ARB) has promulgated relative to diesel engines and diesel equipment operated throughout the State and throughout the County in order to analyze and factor those regulations into the 2009-2010 County Budget.

The following information is provided in response to the motion:

State of California: ARB Fleet Rules

On December 12, 2008, the California ARB adopted two regulations aimed at reducing emissions from the estimated one million privately-owned, heavy-duty diesel trucks that operate in California. Beginning January 1, 2011, the Statewide Truck and Bus rule will require truck owners to install diesel exhaust filters on their rigs, with nearly all vehicles upgraded by 2014. Owners must also replace engines older than the 2010 model year according to a staggered implementation schedule that extends from 2012 to 2022.

Also adopted was the Heavy Duty Vehicle Greenhouse Gas Emission Reduction measure which requires long-haul truckers to install fuel efficient tires and aerodynamic devices on their trailers that lower greenhouse gas emissions and improve fuel economy.

These rules do not directly impact public fleets including the County of Los Angeles. However, public fleets, including the County, have been operating under rules similar to the Statewide Truck and Bus rule since January 2007. The second rule doesn't apply since the County does not operate a long-haul fleet.

Diesel Regulations for Public Fleets

Effective January 5, 2007, the ARB adopted regulations to reduce diesel emissions from fleets operated by public agencies and utilities. These regulations impact public fleets that operate on-road, diesel-fueled, heavy-duty vehicles (vehicles exceeding 14,000 gross vehicle weight). These regulations apply to the fleet operated by the County of Los Angeles. To meet compliance requirements, public fleet managers must choose one of three options for each vehicle impacted. These include:

1. Retrofit the engine with the best available control technology including a new diesel exhaust filter.
2. Repower the vehicle with an alternate fuel, gasoline, or heavy-duty pilot ignition diesel engine.
3. Sell the vehicle out of state.

Public Fleets must ensure compliance according to a staggered implementation schedule that extends from 2007 to 2011.

Exemptions to these regulations apply to documented low-use vehicles, emergency vehicles and military vehicles.

Current Status and Fiscal Impact of the January 5, 2007 regulations

The County of Los Angeles operates 698 diesel vehicles impacted by the ARB Public Fleet rule-January 5, 2007 regulations. County Departments that operate vehicles impacted by the regulations include Public Works, Fire, Sheriff, Health Services, Parks & Recreation, Beaches & Harbors, Probation, Registrar-Recorder, Agricultural Commissioner, Coroner, Public Social Services, Museum of Natural History, Public Library, and Internal Services. So far, the County has retrofitted 355 vehicles at a cost of approximately \$2 million. Approximately \$850,000 of the total has been offset by available grants.

The County is on schedule to meet all compliance requirements consistent with the ARB implementation schedule. The anticipated additional cost to bring the fleet into compliance is approximately \$4.9 million. These costs will be incurred during this fiscal year, as well as, fiscal years 2009-2010 and 2010-2011.

Please contact Tom Tindall, Internal Services Department, at (323) 267-2101 or ttindall@isd.lacounty.gov if you have any questions or concerns.

WTF:TT:MN:z

c: Executive Officer, Board of Supervisors
Deputy Chief Executive Officers
ISD Board Deputies